DAEWOO

Service Manual

Washing Machine

Model : DWM-800C(P)

✔ Caution

: In this Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information,please refer to PPL(Parts Price List) in Service Information Center (http://svc.dwe.co.kr).

DAEWOO ELECTRONICS CO., LTD.

WASHING MACHINE

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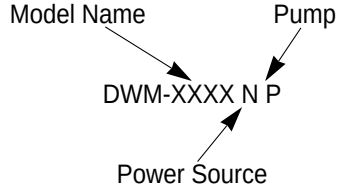
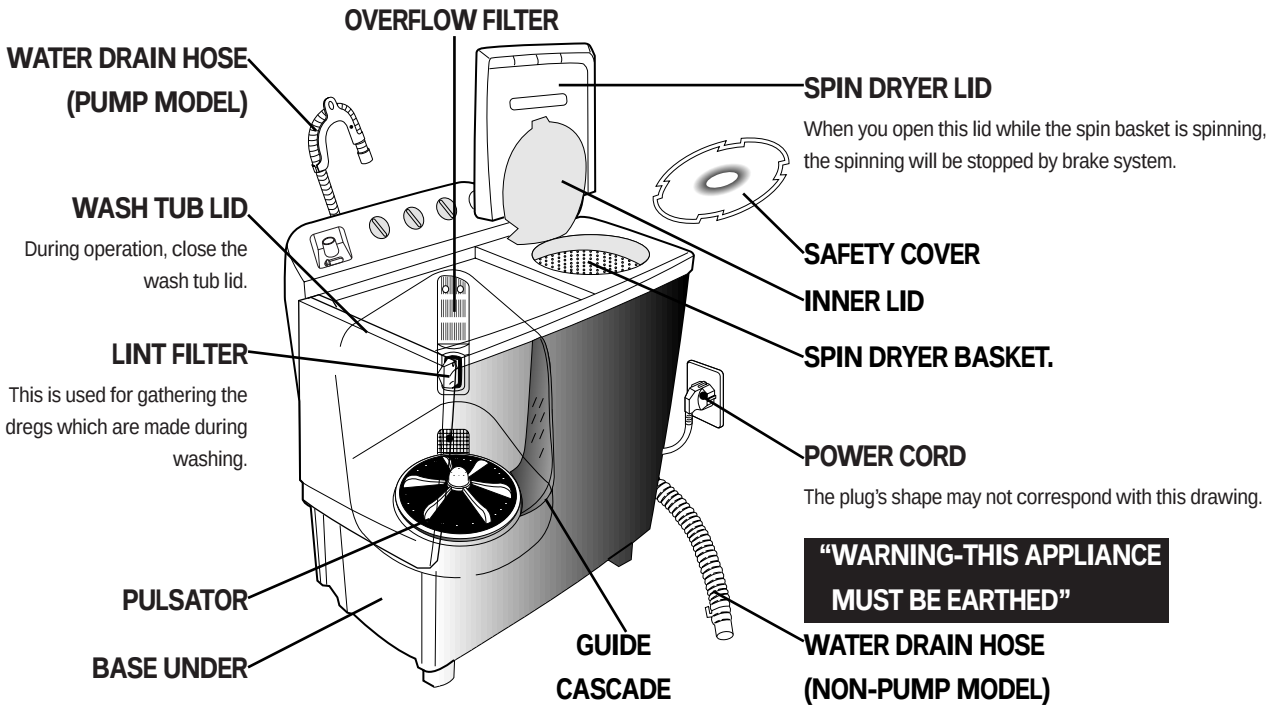
1. SPECIFICATIONS

NO.	ITEM		SPECIFICATIONS					
1	POWER SOURCE	VOLTAGE	AC 110V	AC 220V	AC 127/220V	AC 110/220V	AC 220V	AC 240V
		FREQUENCY	60Hz			50Hz		
2	POWER CONSUMPTION	PUMP	515W					
		NON PUMP	480W					
3	DIMENSION		NET : 810X435X950, PACKED UP : 870X533X947 (WXDXH)					
4	MACHINE WEIGHT	PUMP	NET : 25kg, PACKED UP : 28kg					
		NON PUMP	NET : 24kg, PACKED UP : 27kg					
5	WASHING COURSE		STRONG, NORMAL					
6	WATER LEVEL		HIGH:50ℓ, MEDIUM:52ℓ, LOW:44ℓ					
7	REVOLUTION PER MINUTE	WASH	170 rpm			170 rpm		
		SPIN	1700 rpm			1400 rpm		
8	TIMER	WASH	MAX. 15 min., Manual operation					
		SPIN	MAX. 5 min., Manual operation					
9	WASHER TYPE		PULSATOR TYPE					
10	SPIN TYPE		CENTRIFUGALLY SEPARATED TYPE					
11	MAXIMUM MASS OF TEXTILE	WASH	6.0 kg					
		SPIN	5.5 kg					
12	WATER SUPPLY		MANUAL					
13	SPIN RINSE		O					
14	OUTLET OF DRAIN HOSE		REAR					
15	LINT FILTER		O					

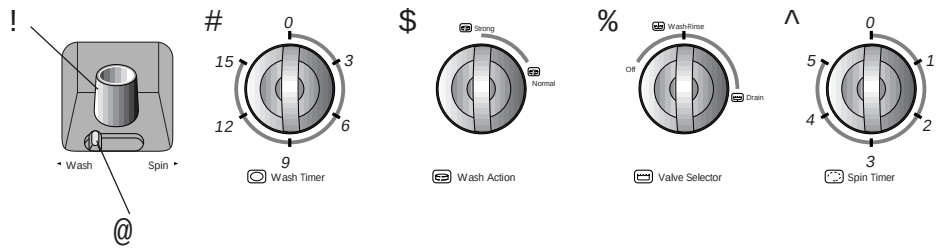
NOTE : Explanation table for suffix of names.

POWER SOURCE	SUFFIX		EXPLANATION
	NON PUMP	PUMP	
AC 100V 50/60Hz	J	-	
AC 110V 60Hz	T	TP	
AC220V 50Hz	N	NP	
AC 220V 60Hz	L	LP	
AC 240V 50Hz	M	MP	
AC 110/220V 50Hz	D	-	
AC 127/220V 60Hz	S	-	

Structure Of The Wash Machine


OVERFLOW FILTER
WATER DRAIN HOSE
(PUMP MODEL)
WASH TUB LID
During operation, close the wash tub lid.
LINT FILTER
This is used for gathering the dregs which are made during washing.
PULSATOR
BASE UNDER
GUIDE
CASCADE
SPIN DRYER LID
When you open this lid while the spin basket is spinning, the spinning will be stopped by brake system.
SAFETY COVER
INNER LID
SPIN DRYER BASKET.
POWER CORD
The plug's shape may not correspond with this drawing.
"WARNING-THIS APPLIANCE MUST BE EARTHED"
WATER DRAIN HOSE
(NON-PUMP MODEL)

Control Panel (Panel b Ass'y)



① INLET WATER
Connect inlet hose to supply water in the WASH TUB or BASKET SPIN.

② LEVER WATER SUPPLY SELECTOR
Left : water supply in the WASH TUB.
Right : water supply in the BASKET SPIN.

③ WASH TIMER
Use to select the desired time for washing or rinsing.

④ WASH ACTION
Use to select wash action. (STRONG", "NORMAL")

⑤ VALVE SELECTOR
Select "WASH.RINSE" for washing and rinsing, and "DRAIN" to drain the water.
(In case PUMP MODEL turn on the drain pump)
"OFF" to turn off the drain pump. (Only PUMP MODEL)

⑥ SPIN TIMER
Used to select the desired time for spinning.

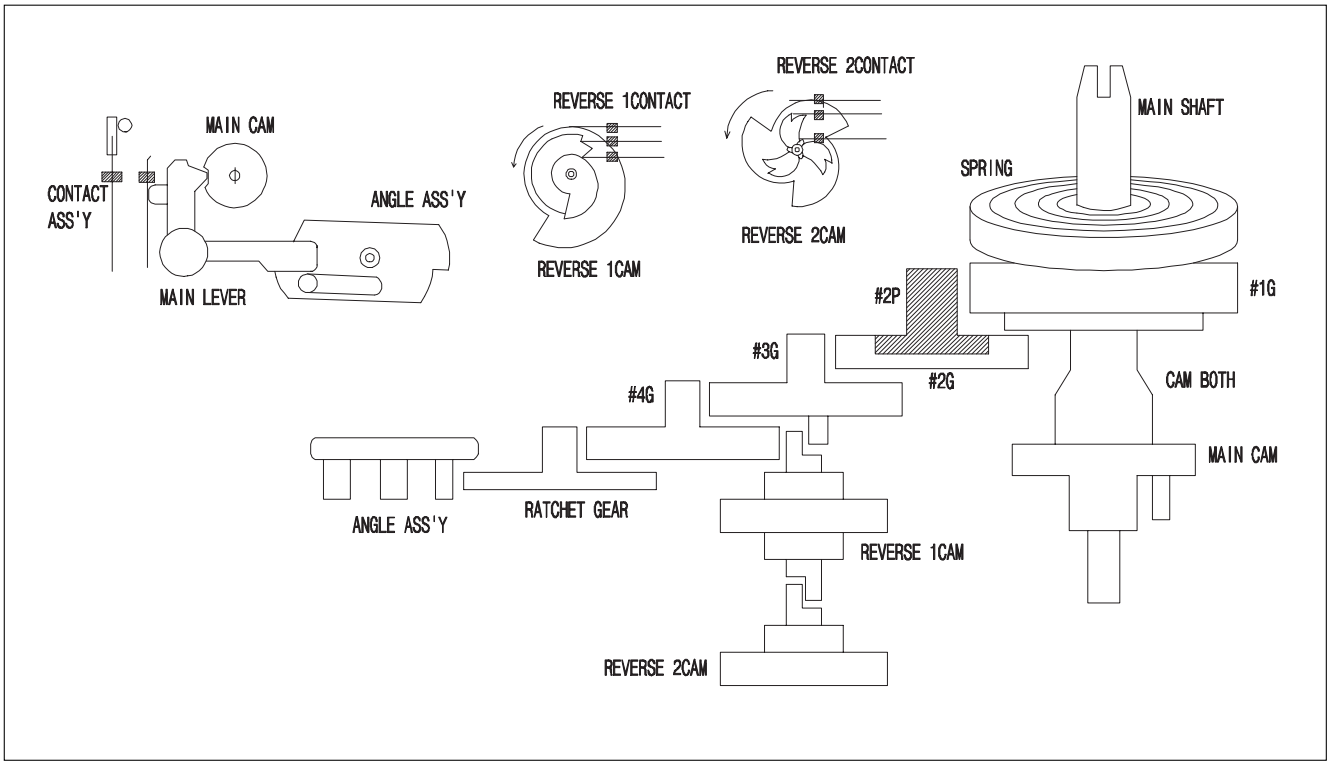
3. PRINCIPLES OF OPERATION AND EXPLANATION OF FUNCTIONS

Wash Timer

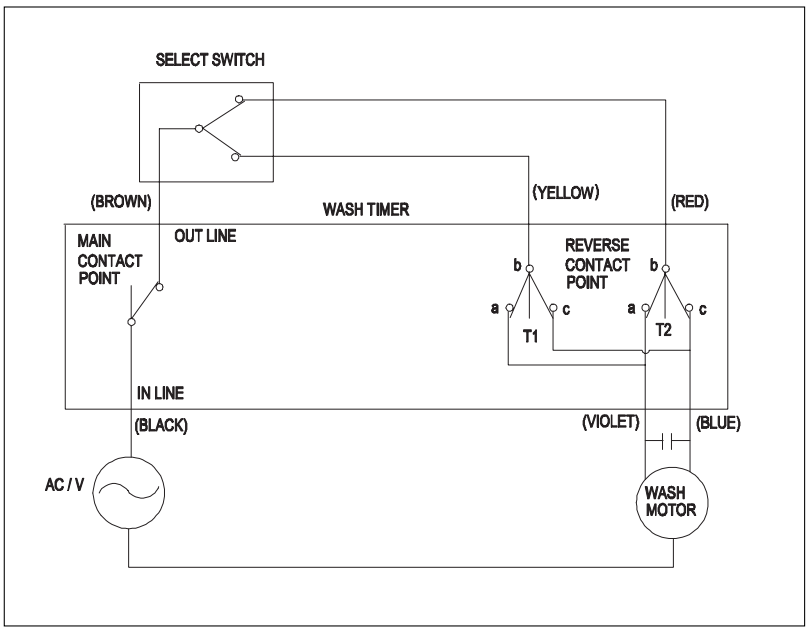
FUNCTION

The main switch remains ON during the washing time set by turning the timer knob.
At the same time, the internal switch T1 and T2 which provide power to WASH MOTOR alternately at assigned Intervals.
Select switch knob sets the wash type by means of controlling the interval of internal switch contact.

STRUCTURE AND PRINCIPLE OF ACTIVATION



CIRCUIT DIAGRAM

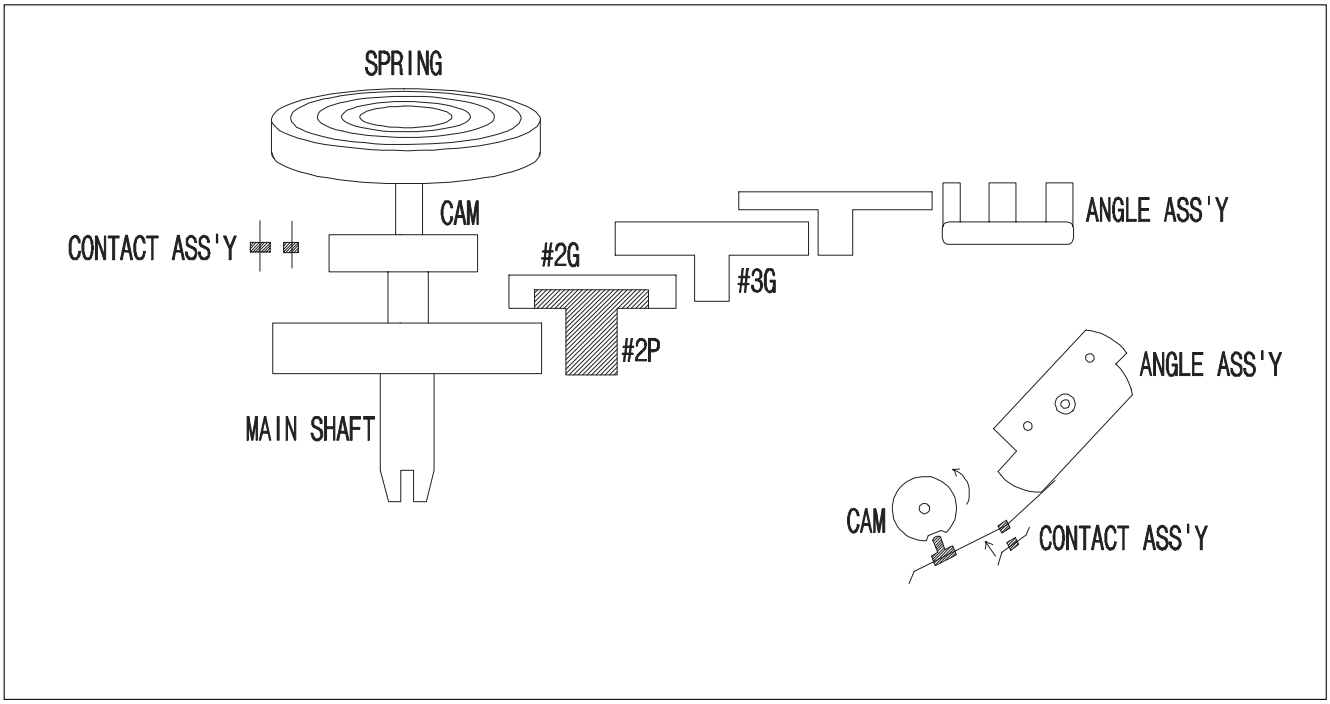


Spin Timer

FUNCTION

The spin timer is the switch providing power to the SPIN MOTOR(DRAIN PUMP MOTOR) during the set spin dry time, and is a spring-type time switch comes on upon turning and those contact points comes off after the set time.

STRUCTURE AND PRINCIPLE OF ACTIVATION



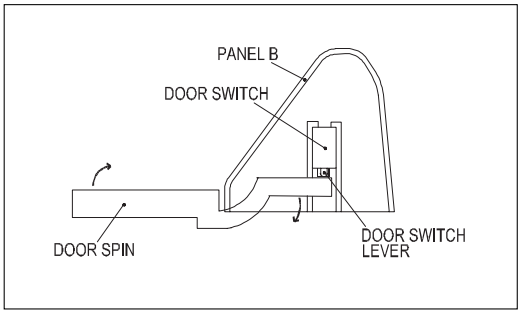
1) The main shaft turns due to the unwinding force when the spin timer is turned, the spring wound with that force being delivered through each gear and the spring slowly unwinding at a speed finally controlled by the angle assembly.
2) The contact point Turns ON and the assembly angle is set in motion which is in the CAM groove in the OFF state, comes off the groove when the main shaft is turned to wind the spring. The contact point turns OFF, return to CAM groove when the spring unwind completely.

SAFETY DEVICE FOR BASKET SPIN

The BASKET SPIN is an apparatus which eliminates the water from the laundry through centrifugal separation generated by rapid revolution(approximately 1,600rpm for 60Hz). Accordingly, there are a DOOR SWITCH to cut off the power going into the DOOR SPIN is opened and a brake system to stop the rotating BASKET SPIN.

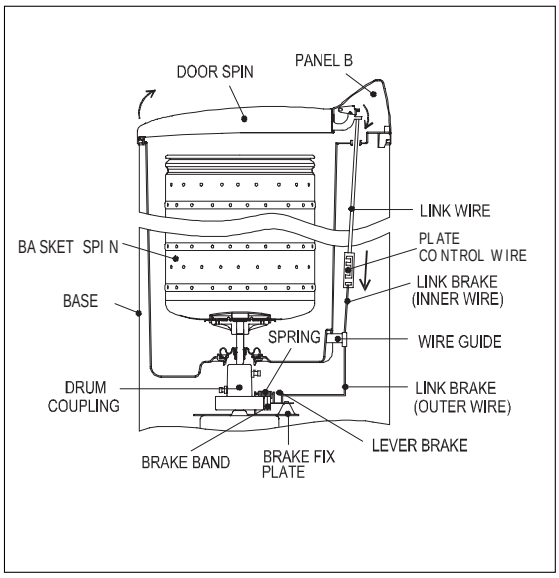
DOOR SWITCH

When the DOOR SPIN is opened during spinning, the DOOR SWITCH LEVER which sites atop the DOOR SPIN falls off the contact, and cuts off the power going into the SPIN MOTOR.



BRAKE SYSTEM

When the DOOR SPIN is opened, LINK WIRE which connect to DOOR SPIN loosens. And then the BRAKE BAND touches the DRUM COUPLING assemply and stops the SPIN DRYER as it is pulled by the SPRING in the BRAKE FIX PLATE assembly.



BRAKE BAND GAP CONTROL METHOD

The BAND BRAKE works best when the gap between it and the DRUM COUPLING is about 2mm when the DOOR SPIN is closed. The SPIN DRYER stops slowly if the gap between the two is too narrow, the SPIN DRYER revolution is affected and the PLATE CONTROL WIRE may be adjusted to maintain the BRAKE BAND gap adequately.

WASH DECELERATOR ASSEMBLY

The initial deceleration following the activation of the WASH MOTOR takes place through the PULLEY MOTOR and PULLEY PULSATOR, and the secondary deceleration is done by the gear in the GEAR HOUSING which also increeases their revolution strength. This revolution speed and strength is delivered to the PULSATOR, which is then able to cause water current that is strong yet soft so that wash loads are not damaged.

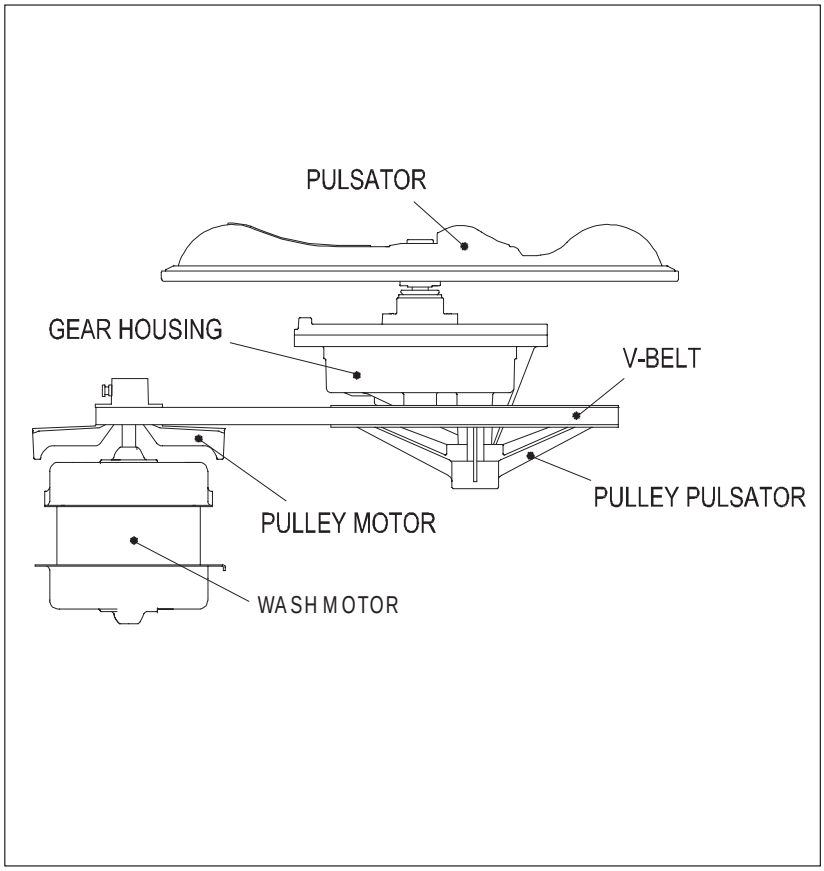
MOTOR WASH
About 1,700rpm(60Hz)
1,400rpm(50Hz)

↓ M-Pully ┌ 2.5:1 (50Hz)
└ 3.0:1 (60Hz)

PULLEY PULSATOR
About 560rpm(50/60Hz)

↓ G/H (3.3:1)

PULSATOR
About 170rpm(50/60Hz)

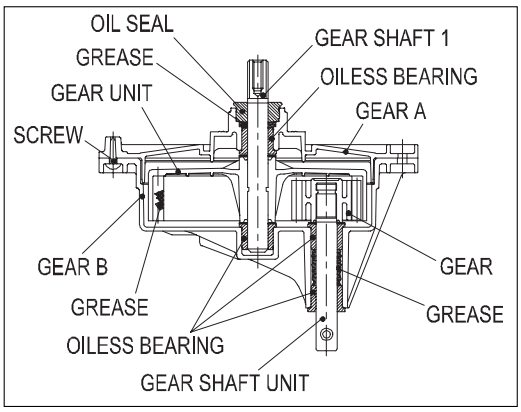


GEAR HOUSING ASS'Y

The GRAR HOUSING ASSEMBLY is a transmission device which turns the PULSATOR at 3.3:1 lowered speed through the gear unit assembly which receives power at the GEAR SHAFT UNIT.

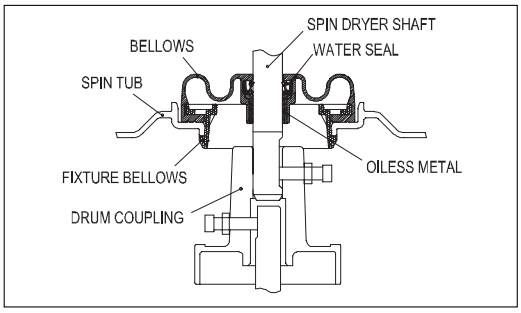
STRUCTURE

1) The two sides of the GEAR SHAFT UNIT are supported by the OILLESS BEARING in the GEAR HOUSING ASSEMBLY.
2) The GEAR UNIT ASSEMBLY is connected to the GEAR SHAFT 1 and GEAR SHAFT UNIT by the GEAR and GEAR UNIT respectively.
3) The two sides of GEAR SHAFT 1 are supported by the OIL SEAL and OILLESS BEARING in the GEAR HOUSING ASSEMBLY.



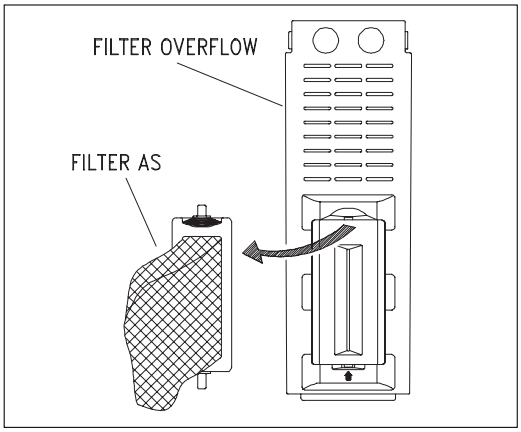
SPIN GELLOWS ASS'Y

The wrinkled rubber device on the botton of the BASKET SPIN is called SPIN BELLOWS ASSEMBLY.
It has a waterseal and a oilless metal inside to prevent leakage and so that the BASKET SPIN may work smoothly.



Filter

Much lint may be obtained depending upon the kind of clothes to be washed and same of the lint may also be suck to the clothes.
To minimize this possibility, a lint filter is provied on the upper part of the FILTER OVERFLOW to filter the wash water.
Use of the lint filter during every wash is recommend.



CLEANING THE LINT FILTER

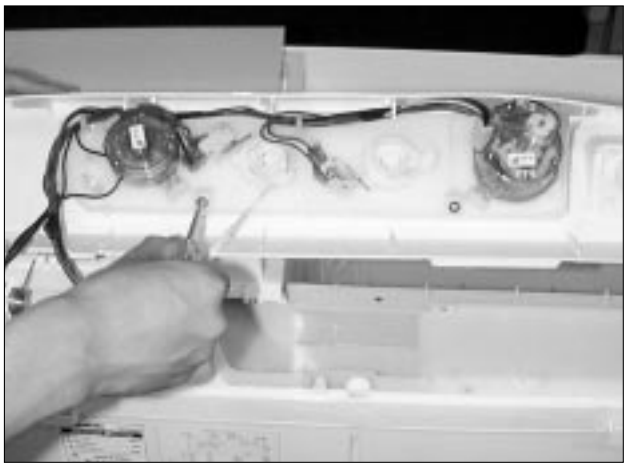
1) Remove the FILTER AS from the FILTER OVERFLOW by pressing it downwards.
2) Turn the FILTER AS inside out, and wash the lint off with water.
3) Return the FILTER AS it was, and fix the FILTER AS to the FILTER OVERFLOW.

4. DIRECTION FOR DISASSEMBOY AND ASSEMBLY

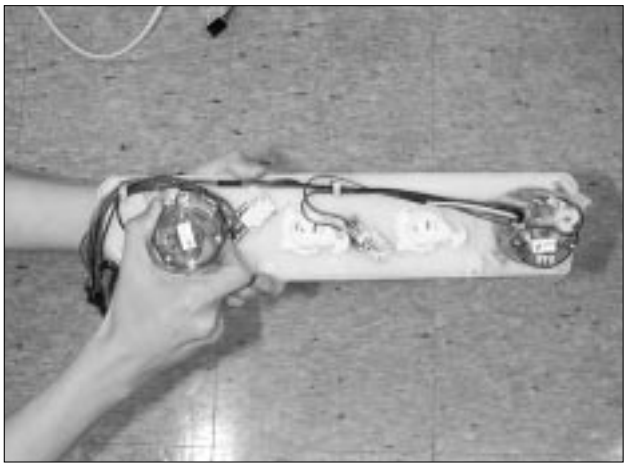
Replacing Wash Timer And Spin Timer

1. Remove 3 screws on the panel

2. Remove knob and 2 screws on the bracket panel.



3. Remove control lever and timer.



Replacing Motor For Spin And Wash

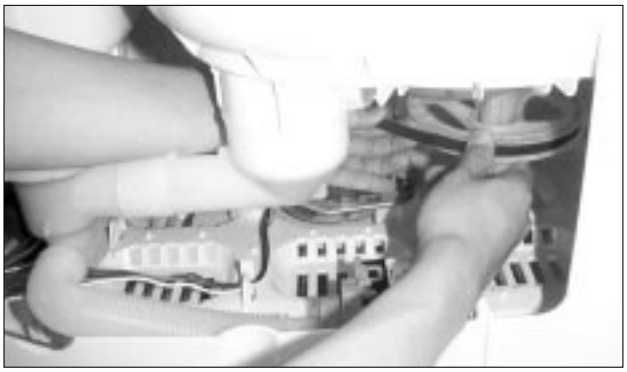
1. Remove 2 screws on the cover B.

2. Sepeate link brake from the brak wire assembly.

3. Remove bolt and nut on the upper side of the drum coupling as and lift up the basket spin.

4. Remove 1 screw fixing the drain pump. (pump model)

5. Remove a belt connecting motor pulley and pulsator pulley.



6. Separae harness as connefctors.

7. Remove cap screw(2EA) and 5 screws on flange of the tub. And lift up the tub assembly.

8. Remove 3 screw on the base and Remove wash motor.

9. Remove 3 screws and spin motor.

5. TROUBLESHOOTING GUIDE

NOTES

Pull out the power plug to repair and make sure that the Washing Machine has been properly grounded.

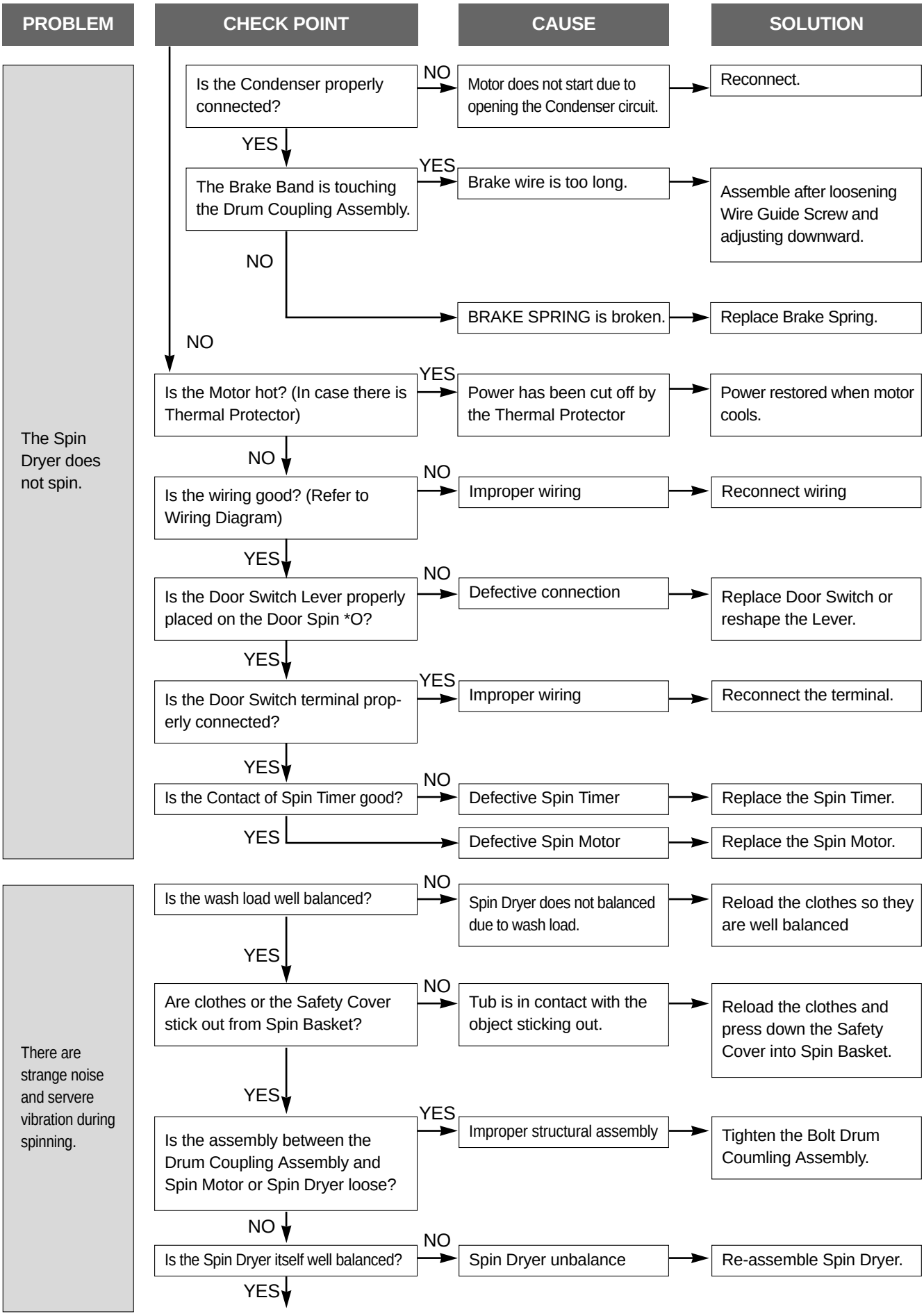
Concerning Wash

PROBLEM	CHECK POINT	CAUSE	SOLUTION
Agitator does not rotate.	Is the Power properly connected? — NO		Reconnect the Power Cord.
	Is the Fuse blown? — YES		Change the Fuse.
	Is there a whirring sound from the Wash Motor when turned on? — YES		
	Is the of Condeser properly connected? — NO	Motor does not start due to opening the Condenser circuit	Reconnect the Condenser.
	Is the Motor hot? (In case there is Thermal Protector) — YES	Power has been cut off by the Thermal Protector.	Power restored when Motor cools
	Is the Wiring good? (Refer to the Wiring Diagram) — NO	Improper wiring	Reconnect the wiring
	Is the connact of Wash Timer good? — NO	Defective Wash Timer	Replace Wash Timer
	— YES	Defective Wash Motor	Replace Wash Motor
Agitator does not rotate smoothly.	Is the Wash Load appropriate? — NO		Reload with proper wash load.
	Are the Agitator and Motor Pulleys securely assembled? — NO	Defect of mechanical assembly	Tighten the screws fixed on the Pulleys.
	Does the V-Belt slip? — YES	Worn out V-Belt	Replace V-Belt
	Are there impurities between the Agitator and Tub. — YES	Revolution obstructed by impurities	Remove impurities after disassembling Agitator

PROBLEM	CHECK POINT	CAUSE	SOLUTION
Agitator does not rotate smoothly.	Does the Gear Housing Shaft rotate proply when the Agitator has been disassembled? YES	Worn out the Serration within the Agitator.	Replace Agitator
	NO	Defective Gear Housing	Replace Gear Housing.
Agitator only rotates in one direction.	Is the wiring of Wash condenser properly connected? NO	Improper Connection	Reconnect
	YES		
	Is the wiring of Wash Timer properly connected? NO	Impropely Wiring	Reconnect the Wash Timer.
	YES	Defective Wash timer	Replace Wash Timer.
There is excessive noise during Washing	Are there strange noise frome Tub when the Agitator rotate? YES	Impurites between Agitator and tub	Remove impurities after disassembling Agitator.
	NO	NO	
		Agitator improperly assembled.	Tighten the Agitator fixing screw.
	NO	Something is in contact with the Agitator Pulley or Motor Pulley or other rotating parts.	Adjust the parts so that there are no impurities in contact with rotating parts

Connectrning Spin

PROBLEM	CHECK POINT	CAUSE	SOLUTION
The Spin Dryer does not spin.	Is the Door Spin *O open? YES	The contact Door Switch is open.	Keep the Door Spin *O closed during spin.
	NO		
	Is the Fuse blown? YES		Change the Fuse.
	NO		
	Is there a whirring sound from the Spin Motor when turned ON?		
	NO NO		


PROBLEM
CHECK POINT
CAUSE
SOLUTION
The Spin Dryer does not spin.
Is the Condenser properly connected?
NO
Motor does not start due to opening the Condenser circuit.
Reconnect.
YES
The Brake Band is touching the Drum Coupling Assembly.
YES
Brake wire is too long.
Assemble after loosening Wire Guide Screw and adjusting downward.
NO
BRAKE SPRING is broken.
Replace Brake Spring.
NO
Is the Motor hot? (In case there is Thermal Protector)
YES
Power has been cut off by the Thermal Protector
Power restored when motor cools.
NO
Is the wiring good? (Refer to Wiring Diagram)
NO
Improper wiring
Reconnect wiring
YES
Is the Door Switch Lever properly placed on the Door Spin *O?
NO
Defective connection
Replace Door Switch or reshape the Lever.
YES
Is the Door Switch terminal properly connected?
YES
Improper wiring
Reconnect the terminal.
YES
Is the Contact of Spin Timer good?
NO
Defective Spin Timer
Replace the Spin Timer.
YES
Defective Spin Motor
Replace the Spin Motor.
There are strange noise and servere vibration during spinning.
Is the wash load well balanced?
NO
Spin Dryer does not balanced due to wash load.
Reload the clothes so they are well balanced
YES
Are clothes or the Safety Cover stick out from Spin Basket?
NO
Tub is in contact with the object sticking out.
Reload the clothes and press down the Safety Cover into Spin Basket.
YES
Is the assembly between the Drum Coupling Assembly and Spin Motor or Spin Dryer loose?
YES
Improper structural assembly
Tighten the Bolt Drum Coumling Assembly.
NO
Is the Spin Dryer itself well balanced?
NO
Spin Dryer unbalance
Re-assemble Spin Dryer.
YES

PROBLEM	CHECK POINT		CAUSE	SOLUTION
			The Waterseal or the oil-less metal in the Bellows Assembly worn out.	Replace Bellows Assembly.
There is leak-age during spin drying.	Is the Bellow Assembly properly assembled?	NO	Waterproofing not working due to defective assembly.	Re-assemble Bellows Assembly.
		YES	The Waterseal or the Oiless Metal in the Bellows Assembly is worn out.	Replace Bellows Assembly.
Spin Dryer does not stop with the Door Spin *O open	The Brake Band touches the Drum Coupling when the Door Spin *O open.	NO	Brake wire is too short.	Replace after loosening Wire Guide and adjusting upward.
			Brake Band is worn out.	Replace Brake Band or Brake Fix Assembly.
		YES		
	Is the electric connection of the Door Switch good?	NO	Defective Door Switch	Replace Door Switch
		YES	The contact of the Door Switch does not open due to deformity of the lever of Door Switch.	Replace Door Switch or reshape the lever of Door Switch.

Concerning Drainga (Pump)

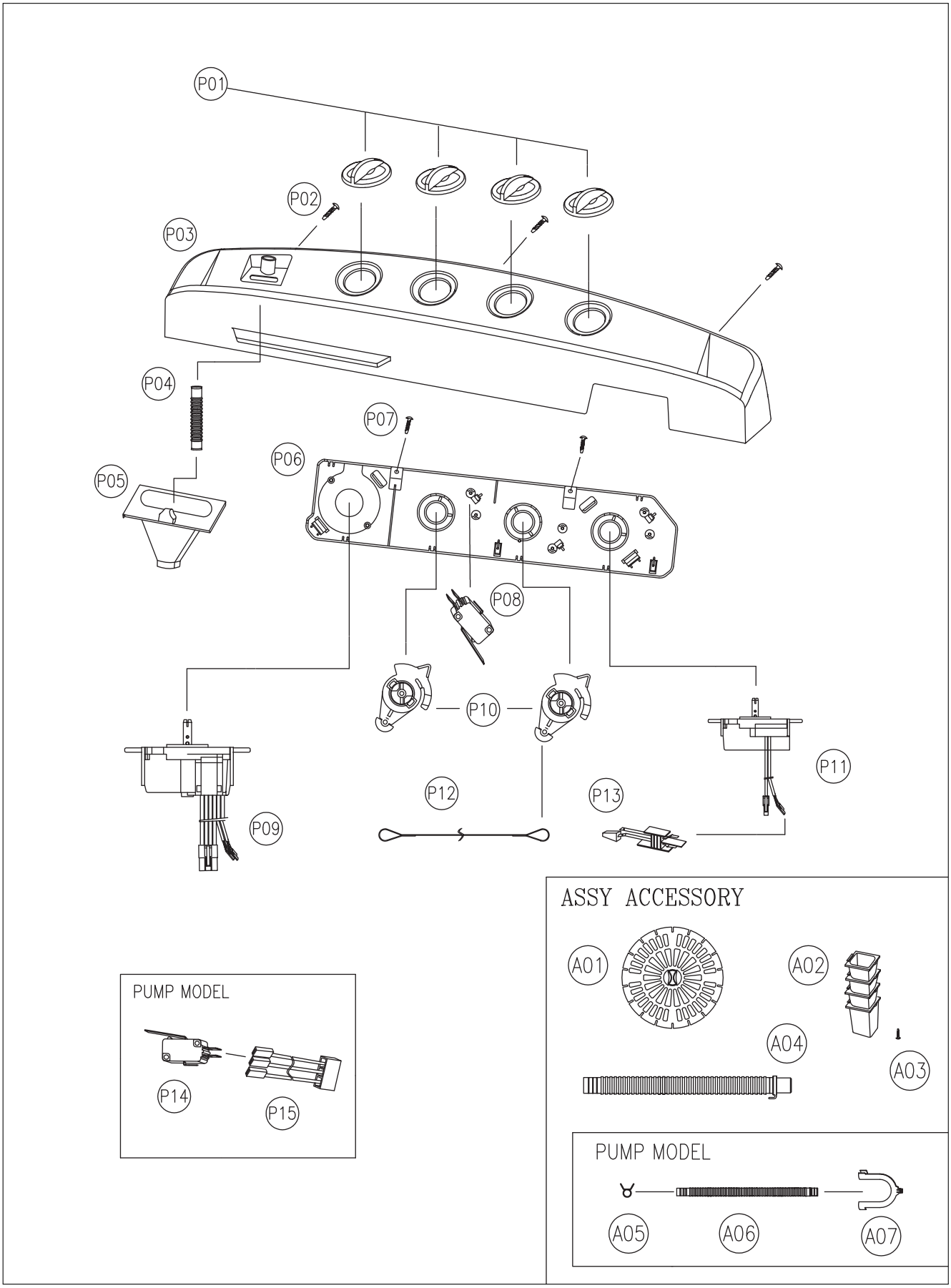
PROBLEM	CHECK POINT		CAUSE	SOLUTION
Drainage is not satisfac-tory	Is the height of the drainage area where the Drain Hose hangs over 1m?	YES	The Drain Hose is too high.	Hang the Drain Hose lower.
		NO		
	Are there impurities in the Drain Strainer?	YES	Impurities are obstructing drainage.	Disassemble Agitaor and take out impurities in drain Strainer
		NO		
	Are there impurities in the Valve Housing or Inlet Joint?	YES	Impurities are obstructing drainage.	Remove impurities or replace Valve Housing or Inlet Joint.
		NO		
			Impurities are blocking the Drain Hose	Remove impurities

PROBLEM	CHECK POINT		CAUSE	SOLUTION
Draining does not function during drain selecting	Is the Wash Timer OFF when the Drain Selector is in the DRAIN position	YES	Pump Motor does not work because Power is open.	Adjust Wash Timer for adequate draining time.
		NO		
	Is the pump Motor wiring properly connected?	NO	Defective wiring	Reconnect wiring
		YES	Defective Pump motor	Replace Pump Motor
Drain does not function during Spin drying	Are the wiring of the Spin Timer and the Pump Motor good?	NO	Defective wiring	Reconnect wiring
	Is the Spin Timer's contact good?	NO	Defective Spin Timer	Replace Spin Timer
		YES	Defective Pump motor	Replace Pump Motor

Concerning Drainage (Non Pump)

PROBLEM	CHECK POINT		CAUSE	SOLUTION
Drainage is not satisfactory.	Are there impurities in the Drain Strainer?	YES	Impurities are obstructing drainage.	Disassemble Agitator and take out impurities in Drain Strainer
		NO		
	Are there impurities in the Valve Housing or Inlet Joint?	YES	Impurities are obstructing drainage.	Remove impurities or replace Valve Housing or Inlet Joint
		NO	Impurities are blocking the Drain Hose	Remove impurities
Water keeps draining during wash	Is the Drain Selector on the operation Panel at the DRAIN position?	YES	Mismanupilation	Turn Drain Selector to WASH/RINSE position
		NO	There are impurities between the impurities Housing and Valve Bellows.	Remove impurities Or replace Valve Housing.

Assy Panel Back



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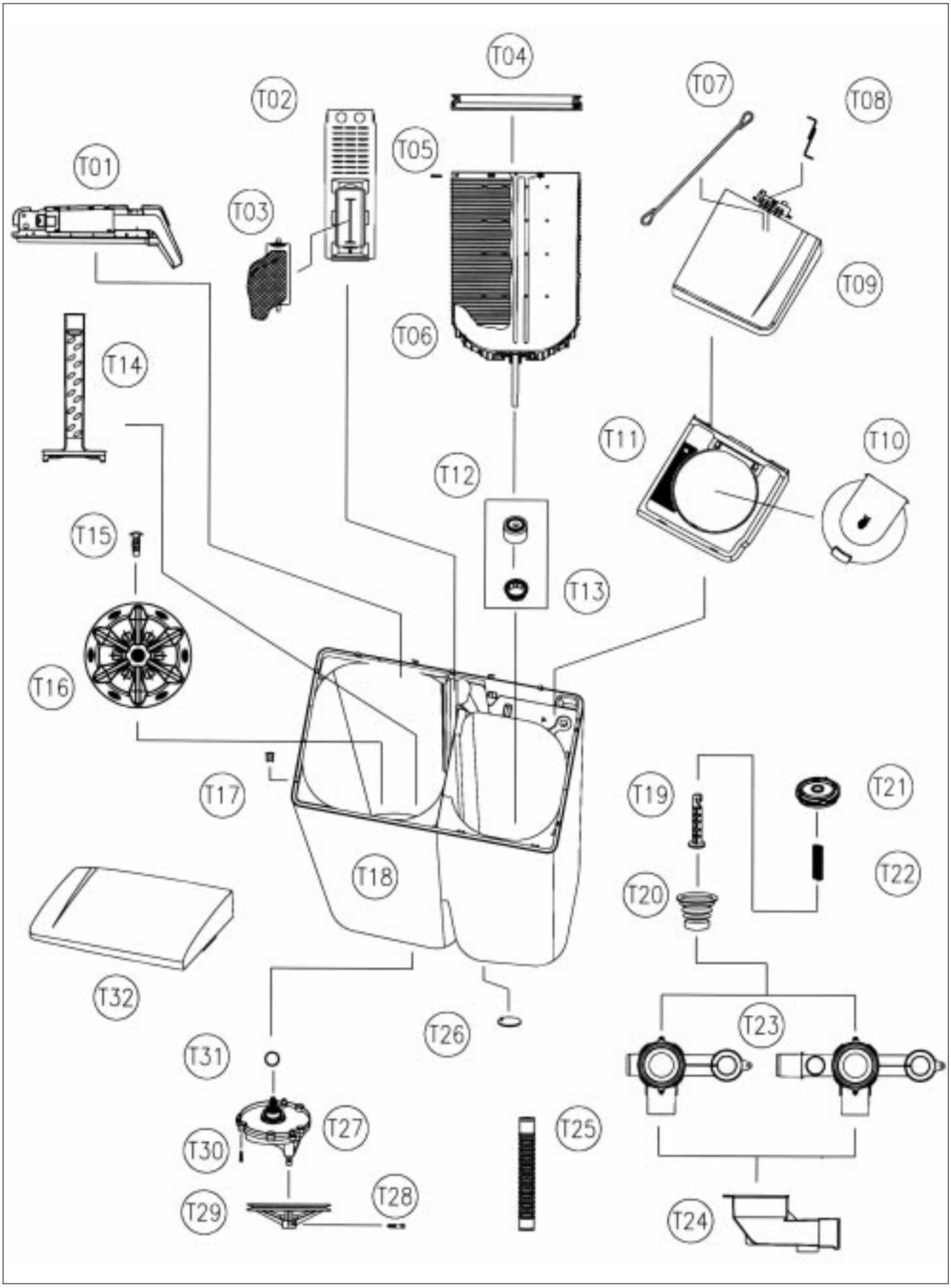
assy panel

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
P01	KNOB	3613403700	ABS	4.0000	
P02	SCREW TAPPING	7122401411	T2S TRS 4X14 MFZN	3.0000	
P03	PANEL B	3614234400	PP	1.0000	
P04	HOSE SPRAY	3613201210	LEPE	1.0000	
P05	LEVER W.S SELECT	3613702000	PP	1.0000	
P06	BRACKET PANEL	3610605500	PP	1.0000	
P07	SCREW TAPPING	7122401411	T2S TRS 4X14 MFZN	2.0000	
P08	SWITCH DRAIN	3619043700	VP531A-2H, 250VAC/15A	1.0000	
P09	TIMER WASH	3619910940	S-K80NT, SAN, 2SELECT, CONN	1.0000	
P10	LEVER CONTROL	3613701400	DWM-3000, POM	2.0000	
P11	TIMER SPIN	3619911000	S-800CA, SAN, CONN	1.0000	
P12	LINK VALVE	3617804000	PP BAND	1.0000	
P13	S/W COVER	3619044800	LIP TYPE	1.0000	
P14	SWITCH DRAIN	3619043700	VP531A-2H, 250VAC/15A	1.0000	PUMP
P15	HARNESS DRAIN	3612787400	MSF20/0.18 CONN+187FLAG	1.0000	PUMP

assy accessory

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
A01	COVER SAFETY	3611418900	PE-LD	1.0000	
A02	LEG	3617702400	PP	4.0000	
A03	SCREW TAPPING	7122401411	T2S TRS 4X14 MFZN	4.0000	
A04	HOSE DRAIN O AS	3613224310	L=820MM, NON-CLAMP	1.0000	
A05	CLAMP HOSE O	3611202400	HSW-3, 4.0KG	1.0000	PUMP
A06	HOSE DRAIN O	3613222600	4010NP	1.0000	PUMP
A07	GUIDE DRAIN HOSE	3612502300	PP	1.0000	PUMP

Assy Tub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T21
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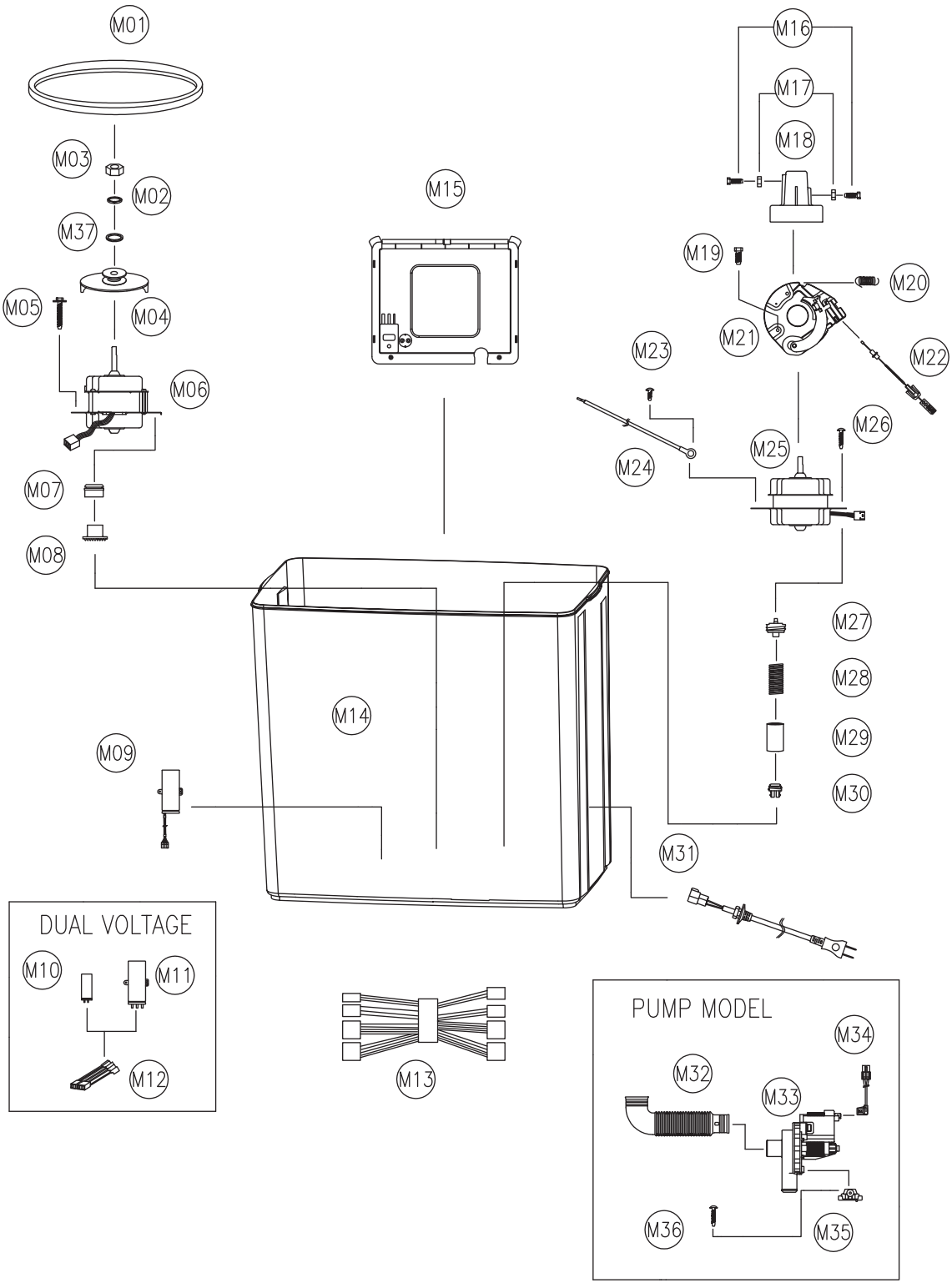
T23
T24
T25
T26
T27
T28
T29
T30
T31
T32

assy tub

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
T01	BASE WATER SUPPLY	3610389500	PP	1.0000	
T02	FILTER OVER FLOW	3611903700	PP	1.0000	
T03	FILTER AS	3611904000	PP+POLYESTER	1.0000	
T04	RING BASKET	3614602300	PP	1.0000	
T05	SCREW TAPPING	7122401411	T2S TRS 4*14 MFZN	2.0000	
T06	BASKET SPIN	3619103300	DWM-800C	1.0000	
T07	LINK BRAKE	3617801600	PP BAND W6	1.0000	
T08	SPRING COVER	3615110400	HSW3	1.0000	
T09	DOOR SPIN O	3611797800	PP	1.0000	
T10	COVER INNER	3611418800	PP	1.0000	
T11	PLATE T	3614522500	PP	1.0000	
T12	BELLOWS AS	3616401800	AS, 800C	1.0000	
T13	FIXTURE BELLOWS	3612005000	PP	1.0000	
T14	GUIDE CASCADE	3612509000	PP	1.0000	
T15	SPECIAL SCREW	3616002901	SUS604 (NON SILOCK)	1.0000	
T16	PULSATOR AS	3619706500	800C	1.0000	
T17	CAP SCREW	3610911700	PP	2.0000	
T18	TUB	3618817900	PP (JI-360)	1.0000	
T19	ROD VALVE	3618504000	PE-HD	1.0000	
T20	BELLOWS VALVE	4505C06040	NR	1.0000	
T21	VALVE CAP	4505F06013	PE-HD	1.0000	
T22	SPRING VALVE	4505C06022	SWC WR 1.0D	1.0000	
T23	CASE VALVE	3611131500	PP	1.0000	NON-PUMP
		3611131600	PP	1.0000	PUMP
T24	INLET JOINT	3617504100	PP	1.0000	
T25	HOSE OVERFLOW	3613220800	LDPE	1.0000	JAPAN
T26	PROTECTOR F.B	3618303500	NBR	1.0000	PUMP
T27	GEAR HOUSING AS	3617306200	DWF-7510S R=3.3:1	1.0000	
T28	SPECIAL BOLT	3616008400	M6 SIDE-FIXING	1.0000	
T29	PULLEY PULSATOR	3618432200	FR-PP GP-2300	1.0000	
T30	SCREW TAPPING	7122502011	T2S TRS 5X20 MFZN	5.0000	
T31	RING O	4506H05050	N. B. R	1.0000	
T32	DOOR WASH	3611797900	PP	1.0000	

Assy Main


M01
M03
M02
M37
M05
M04
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M14
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M28
M29
M30
M09
M31
DUAL VOLTAGE
M10
M11
M12
M13
PUMP MODEL
M34
M32
M33
M36
M35

✔ **Caution**: In this Service Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service information Center(http://svc.dwe.co.kr)

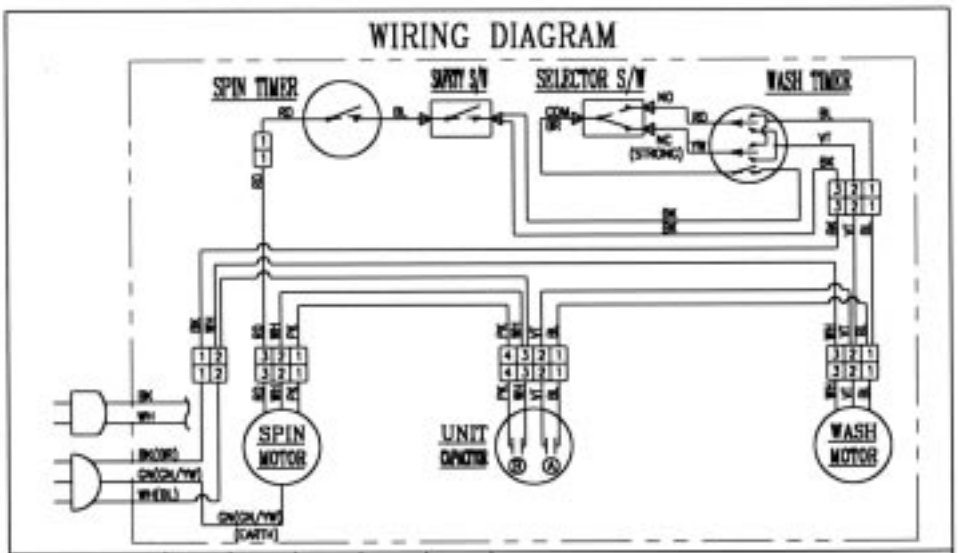
assy main

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
M01	BELT V	4504B00020	M-25	1.0000	
M02	WASHER SPRING	7501008011	SW-8 MFZN	1.0000	
M03	NUT HEX	7392800011	M8*01.25 MFZN	1.0000	
M04	PULLEY MOTOR AS	3618431600	PRESS(SGCC1.2T, D31), 4.3MM	1.0000	
		3618431700	PRESS(SGCC1.2T, D31), 2.1MM	1.0000	
M05	SPECIAL SCREW	3616017010	T2 TRS 4X35 MFZN PW	3.0000	
M06	MOTOR-WA AS	3618958100	220~240V/50HZ, W1D35VD050	1.0000	N, NP, M, MP
		3618959200	AC 220V/60HZ, WD35UD050	1.0000	L
		3618959300	AC 110V/60HZ, W1D35ED050	1.0000	T, TP
		3618959400	AC 100V, 50/60HZ, W1D35BD050	1.0000	J
		3618959600	110/240V, 5/60HZ, W1D35GD050	1.0000	S, D
M07	CUSHION MOTOR	3611554500	NR	3.0000	
M08	CUSHION MOTOR SPOT	3611554600	PP	1.0000	
M09	UNIT CAPACITOR	3618948200	9.7/5.2uF, 400/440, CON-4P	1.0000	N, NP, M
		3618948300	10.4/5.2uF, 400/440, CON-4P	1.0000	MP
		3618948500	45.6/20.8uF, 200/250, CON-4P	1.0000	T, TP
		3618948600	45.6/25uF, 200/200, CON-4P	1.0000	J
M10	CAPACITOR WASH	4509C11020	20.8uF*2,200V	1.0000	S, D
M11	CAPACITOR SPIN	450E111060	16uF, 250V	1.0000	S
		4509C11010	20.8uF, 200V	1.0000	D
M12	HARNESS CAPACITOR	3612706710	CONN A,B	1.0000	S, D
M13	HARNESS AS	3612757000	4010DUAL NON-PUMP HARNESS	1.0000	S, D
		3612757220	DWM-500M, S/NON-PUMP	1.0000	N, M, T, L
		3612757230	JAPAN, FILTER	1.0000	J
		3612757300	4010SINGLE PUMP HARNESS	1.0000	NP, MP, TP
M14	BASE	3610389400	PP (JI-360)	1.0000	
M15	COVER BACK	3611416610	PP (J740)	1.0000	
M16	BOLT	7342602011	6B-2-6X20 POINTING MFZN	1.0000	
M17	NUT HEX	7392600011	6N-2-6 MFZN	1.0000	
M18	COUPLING DRUM	3619400300	AL	1.0000	
M19	BOLT HEX	7341500811	6B-1-5X8 MFZN	3.0000	
M20	SPRING BRAKE LEVER	3615109000	SWC D1.0 ZN8-C	1.0000	
M21	PLATE BRAKE AS	3614517400	ASS'Y, 4.0KG	1.0000	
M22	ASSY BRAKE WIRE	3619201702	SUS WIRE+PE L260	1.0000	
M23	SCREW TAPPTITE	7272400811	TT3 TRS 4X8 MFZN	1.0000	
M24	HARNESS EARTH MOTOR	3612756000	4010 S-MOTOR L=450	1.0000	
M25	UNIT MOTOR SPIN	3618947000	220V, 60HZ, W1D25UE040	1.0000	L
		3618947100	220-240V, 50HZ, W1D25VE040	1.0000	N, NP, M, MP
		3618947200	120-240V, 60HZ, W1D25LE040	1.0000	S
		3618947300	110-220V, 50HZ, W1D25FE040	1.0000	D
		3618947500	110V, 60HZ, W1D25EE040	1.0000	T, TP
		3618947600	100V, 50/60HZ, W1D25BE040	1.0000	J
M26	SCREW TAPPING	7122401611	T2S TRS 4X16 MFZN	3.0000	
M27	STOPPER UPPER	3615201400	PP	3.0000	

NO.	PART NAME	PART CORD	SPECIFICATION	Q'TY	REMARKS
M28	SPRING CUSHION	3615111900	HSW-3	3.0000	
M29	DAMPER	3616900501	NBR	3.0000	
M30	STOPPER LOWER	3615201300	PP	3.0000	
M31	CORD POWER AS	3611330800	N LFC-3R, 3X0.75, 2.3M, GY	1.0000	
		3611330900	H H05VV-F 3X1.0 2.6M WH	1.0000	
		3611331000	RW-300/500, 3X0.75, 2.3M	1.0000	
		3611331100	- VCTF, 3X0.75, 2.3M	1.0000	
		3611331200	R VCTF, 2X1.25, 2.3M, GY	1.0000	
		3611331300	U VDFT, 3X0.75, 2.3M, GY	1.0000	
		3611331400	- H05VV-F, 3X0.75, 2.3M, GY	1.0000	
		3611331500	P VDFT, 3X0.75, 2.3M, GY	1.0000	
		3611331600	- H05VV-F, 3X0.75, 2.3M, BK	1.0000	
		3611331700	A-VCTFK, 2X0.75, 2.3M GY	1.0000	
		3611331800	F H05VV, 3X0.75, 2.3M, BK	1.0000	
		3611331900	N LFC-3R 3X0.75, 2.3M, GY	1.0000	
		3611332000	Z H05VV-F, 3X0.75, 2.3M, BK	1.0000	
		3611332100	T VCTFK, 2X0.75, 2.3M GY	1.0000	
M32	HOSE DRAIN I	3613226400	LD-PE	1.0000	
M33	UNIT DRAIN PUMP	3618958300	ASK0LL 220~240V/50HZ-TWIN	1.0000	NP, MP
		3618958700	ASK0LL 110~120V/60HZ-TWIN	1.0000	TP
M34	HARNESS PUMP	3612787600	MSF20/0.18 2P+250FLAG L=500	1.0000	
M35	FIXTURE PUMP	3612005500	PP	1.0000	
M36	SCREW TAPPING	7122402011	T2S TRS 4X20 MFZN	1.0000	
M37	WASHER PLAIN	7400108411	PW-1-8.4 MFZN	1.0000	

7. WIRING DIAGRAM

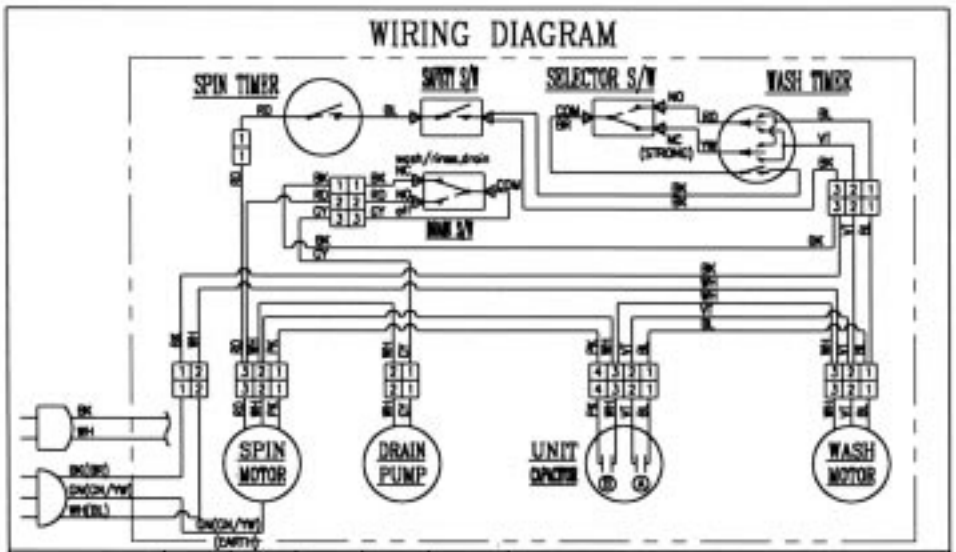
Single Voltage/Normal



RATING VOLTAGE(V~)		100	110	120~127	220	220~240
Hz		50/60	60	60	50/60	50
CAPACITOR	Ⓐ	45.6	41.6	41.6	9.7	9.7
	Ⓑ	25	20.8	16	5.2	5.2

BK:BLACK VT:VIOLET
BL:BLUE BR:BROWN
RD:RED YW:YELLOW
PK:PINK GN:GREEN
WH:WHITE GN/YW:GREEN/YELLOW

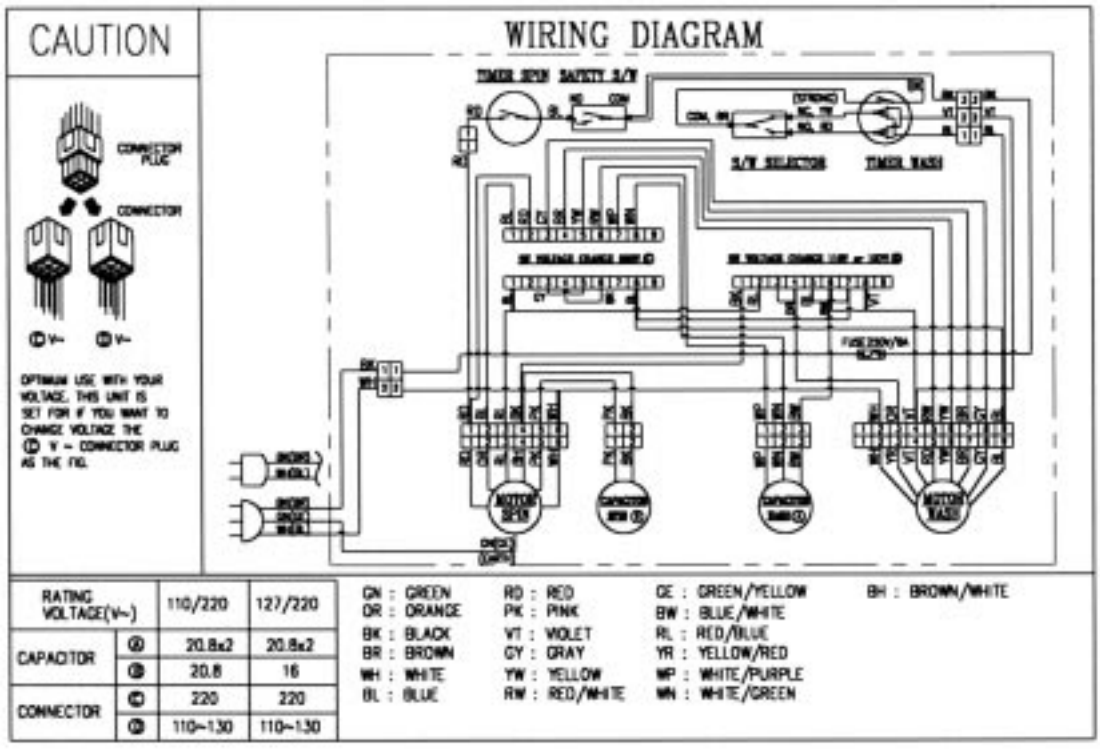
Single Voltage/Pump



RATING VOLTAGE(V~)		100	110	120~127	220	220~240
Hz		50/60	60	60	50/60	50
CAPACITOR	Ⓐ	45.6	41.6	41.6	9.7	9.7/10.4
	Ⓑ	25	20.8	16	5.2	5.2

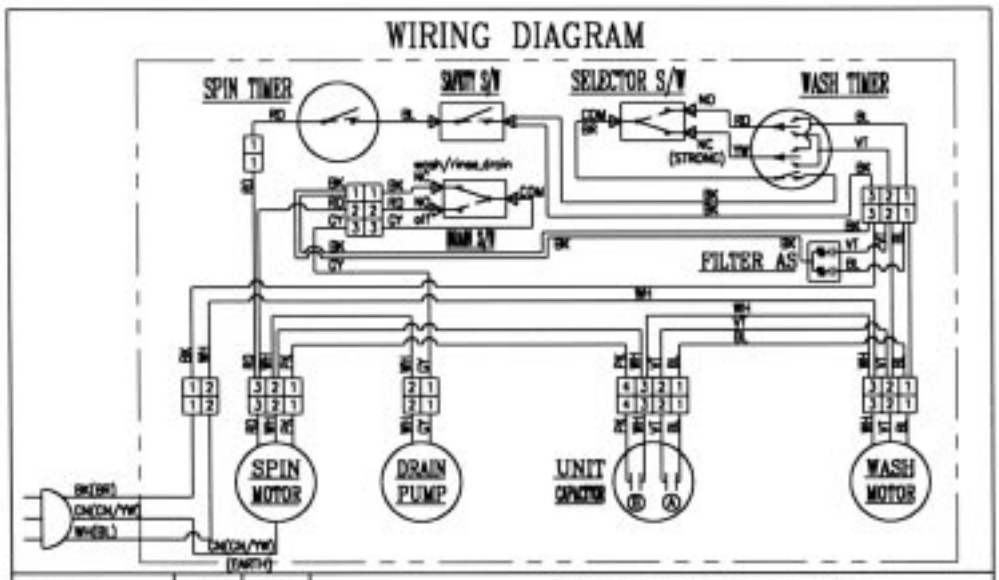
BK:BLACK VT:VIOLET CY:GRAY
BL:BLUE BR:BROWN
RD:RED YW:YELLOW
PK:PINK GN:GREEN
WH:WHITE GN/YW:GREEN/YELLOW

Dual Voltage/Normal



RATING VOLTAGE(V~)		110/220	127/220
CAPACITOR	Ⓐ	20.8x2	20.8x2
	Ⓑ	20.8	16
CONNECTOR	Ⓒ	220	220
	Ⓓ	110~130	110~130

Single Voltage/Pump-Filter



RATING VOLTAGE(V~)		120~ 127	220~ 240
Hz		60	50
CAPACITOR	Ⓐ	41.6	9.7
	Ⓑ	16	5.2

BK:BLACK VT:VIOLET GY:GRAY
BL:BLUE BR:BROWN
RD:RED YW:YELLOW
PK:PINK GN:GREEN
WH:WHITE GN/YW:GREEN/YELLOW

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